

## COVER FOR ELECTROMAGNETIC TREATMENT APPLICATOR

### Abstract of the Disclosure

A disposable cover for electromagnetic treatment applicators prevents undesired  
 5 exposure to potentially harmful radiation. The cover is a pouch-like structure having a back  
 surface (which faces opposite, or away from, the treatment area) constructed from shielding  
 material, such as metallized polyethylene. At least a portion of the cover which faces the  
 treatment area is constructed solely from non-shielding material. ~~Securing means, such as~~  
 adhesive strips, ZIP-LOCK®, or other interlocking edges, secure the applicator inside the  
 cover and close off any leaks. The electromagnetic properties of the cover are integrated into  
 the circuitry for the treatment applicator, such that the applicator is not functional in the  
 absence of the cover. In use, an electromagnetic treatment applicator is inserted into the  
 cover and positioned over the area to be treated, with the non-shielding, or "window", portion  
 of the cover overlying the treatment area. Once assembled, the applicator/cover combination  
 forms a closely matched and tuned network for effecting a highly efficient RF output. When  
 activated, the generated electromagnetic energy only exits the cover through the opening or  
 "window", thereby preventing exposure of the patient or caregiver to potentially harmful  
 radiation.